12/27/9

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 2281/102

Total Pages in this Submission 60

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

7258 P.

invention entitled:			b) is a new utility patent application for an	75 U.
MUTING GENE ACTI	IVITY USING A TRANS	GENIC NUCLEIC ACID		jce
and invented by:				
Mohammad B. Bahram Helmut Zarbl	iian			
If a CONTINUATION AP	PLICATION, check app	ropriate box and supply t	the requisite information:	!
	Divisional 🗋 Cont	tinuation-in-part (CIP)	of prior application No.:	
Which is a: ☐ Continuation ☐	Divisional 🗀 Cont	tinuation-in-part (CIP)	of prior application No.:	
Which is a: Continuation	Divisional Conf	tinuation-in-part (CIP)	of prior application No.:	
Enclosed are:		andication Flaments		
		Application Elements		
I. ☐ Filing fee as t	calculated and transmitte	ed as described below		
2. 🗷 Specification	having 44	pages and in	cluding the following:	
a. 🛽 Descript	tive Title of the Invention			
b. 🛛 Cross R	References to Related Ap	pplications (if applicable)		
c. 🗀 Stateme	ent Regarding Federally-	sponsored Research/Dev	velopment (if applicable)	
d. 🔲 Referen	ice to Microfiche Append	lix (if applicable)		
e. 🛭 Backgro	ound of the Invention			
f. 🗷 Brief Su	ımmary of the Invention			
g. 🗷 Brief De	escription of the Drawings	s (if drawings filed)		
h. 🛽 Detailed	d Description			
i. 🔀 Claim(s)) as Classified Below			
j. 🛛 Abstract	t of the Disclosure		٠٠٠٠ .	,

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Total Pages in this Submission 60

Application Elements (Continued)

3.	X	Drawing(s) (when necessary as prescribed by 35 USC 113)									
	a.	☐ Formal b. ☑ Informal Number of Sheets 7									
4.	×	Oath or Declaration									
	a.	Newly executed (original or copy)									
	b.	Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)									
	C.	☑ With Power of Attorney ☐ Without Power of Attorney									
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).									
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby ncorporated by reference therein.									
6.		Computer Program in Microfiche									
7.	×	Genetic Sequence Submission (if applicable, all must be included)									
	a.										
	b.	Computer Readable Copy									
	C.										
		Accompanying Application Parts									
8.		Assignment Papers (cover sheet & documents)									
9.	U	37 CFR 3.73(b) Statement (when there is an assignee)									
10.	\Box	English Translation Document (if applicable)									
11.		Information Disclosure Statement/PTO-1449									
12.		Preliminary Amendment									
13.	×	Acknowledgment postcard									
14.	×	Certificate of Mailing									
		☐ First Class ☑ Express Mail (Specify Label No.): EL361717552US									

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Docket No. 2281/102

Total Pages in this Submission 60

			A	accompanying A	pplication Parts	(Conti	inued)	
15.		Certified (Copy of Priority	Document(s) (if	foreign priority is	claime	d)	
16.		Small Ent	ity Statement(s	s) - Specify Numb	er of Statements	Submi	tted:	
17.		Additiona	l Enclosures (p	lease identify bel	ow):			
				Fee Calcul	ation and Trans	mittal		
a:				CLAIMS	AS FILED			
3.5 3.5 3.5	For		#Filed	#Allowed	#Extra		Rate	Fee
Total C	lain	าร	56	- 20 =	36	x	\$9.00	\$324.00
Indep. Claims 7			7	- 3 =	4	x	\$39.00	\$156.00
Multipl	e De	ependent (Claims (check	if applicable)				\$0.00
d.							BASIC FEE	\$380.00
OTHE	R FI	EE (specif	y purpose)					\$0.00
lj. Nj	-						TOTAL FILING FEE	\$860.00
⊔ Th	des	cribed belo Charge the Credit and Charge and Charge the pursuant	er is hereby au ow. A duplicate he amount of ly overpayment any additional fi he issue fee se to 37 C.F.R. 1	thorized to charge e copy of this sheet t. ling fees required et in 37 C.F.R. 1.1	et is enclosed. as filing fee. I under 37 C.F.R. 8 at the mailing c	osit Acc 1.16 a of the N	nd 1.17. lotice of Allowance,	
Dated:	De	cember 27.	, 1999		Sonia Reg. 1 Brom 125 S Bosto	. K. Gut No. 44,7	729 : Sunstein LLP : Street 02110	

CERTIFICATE OF MAHLING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Bahramian et al. Serial No. Filing Date Not Yet Assigned Filing Date Not Yet Assigned Docket No. 2281/102 Group Art Unit Not Yet Assigned Not Yet Assigned

10675 U.S. PTO 09/472558 12/24/10/10/10/10/10/10

Invention: MUTING GENE ACTIVITY USING A TRANSGENIC NUCLEIC ACID

I hereby certify that this Utility Patent Application and documents referenced therein (Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on December 27, 1999

(Date)

Sonia K. Guterman

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

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